

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

HSJ920030215US1

First Inventor

Manfred Albrecht

Title

METHOD FOR MAGNETIC RECORDING ON PATTERNED MULTILEVEL  
PERPENDICULAR MEDIA USING VARIABLE WRITE CURRENT

Express Mail Label No.

EL995203310US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 202311. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.3. ☒ Specification [Total Pages 17]  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]

5. Oath or Declaration [Total Pages 3]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

Examiner: \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or

☒

Correspondence address below

Name

Thomas R. Berthold

Address

Hitachi Global Storage Technologies

5600 Cottle Road (NHGB/014-2)

City

San Jos

State

CA

Zip Code

95193

Country

USA

Telephone

(408) 256-3926

Fax

Name (Print/Type)

Thomas R. Berthold

Registration No. (Attorney/Agent)

28,689

Signature

Thomas R. Berthold

Date

11/20/03

19270 U.S. PTO  
10/727812

120303

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# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 810.00

## Complete if Known

Application Number

Filing Date

First Named Inventor

Manfr d Albr cht

Examiner Name

Group Art Unit

Attorney Docket No.

HSJ920030215US1

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

502587

Deposit  
Account  
Name

Hitachi Global Storage Technologies

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

- ☐ Check ☐ Credit card ☐ Money  
Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)	Fee Description
101	770	201	385		Utility filing fee
106	330	206	165		Design filing fee
107	510	207	255		Plant filing fee
108	770	208	385		Reissue filing fee
114	160	214	80		Provisional filing fee

Fee Paid

SUBTOTAL (1) (\$ 770.00

## 2. EXTRA CLAIM FEES

Total Claims  - 20\*\* =  X  =

Independent Claims  - 3\*\* =  X  =

Multiple Dependent  =

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)	Fee Description
103	18	203	9		Claims in excess of 20
102	84	202	42		Independent claims in excess of 3
104	280	204	140		Multiple dependent claim, if not paid
109	84	209	42		** Reissue independent claims over original patent
110	18	210	9		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	420	216	210	Extension for reply within second month	
117	950	217	475	Extension for reply within third month	
118	1,480	218	740	Extension for reply within fourth month	
128	2,010	228	1005	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,300	241	650	Petition to revive - unintentional	
142	1,300	242	650	Utility issue fee (or reissue)	
143	470	243	235	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
148	740	248	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	750	279	375	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

Thomas R. Berthold

Registration No.  
(Attorney/Agent)

28,689

Telephone

(408) 256-3926

Signature

Thomas R. Berthold

Date

11/20/03

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

Albrecht et al.

Group Art Unit: n/a

Serial No. not yet assigned

Examiner: n/a

Filed: Herewith

For: METHOD FOR MAGNETIC RECORDING ON PATTERNED  
MULTILEVEL PERPENDICULAR MEDIA USING VARIABLE WRITE  
CURRENT

Assistant Commissioner of Patents and Trademarks

Alexandria, VA 22313-1450


**EXPRESS MAIL CERTIFICATE**

I hereby certify that the above paper/fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the Assistant Commissioner for Patents, Alexandria, VA 22313-1450.

Express Mail No.: EL 995203310 US

Date of Deposit: December 3, 2003

Person mailing paper/fee: Mary Lou Domenici

Signature  \_\_\_\_\_